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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/993,333

DATE: 12/03/2001
TIME: 14:35:26

Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF3\11212001\I993333.raw

ENTERED

```
 4 <110> APPLICANT: Oberley, Larry Wayne
 5        Weydert, Christine J.
 6        Smith, Benjamin Barnes
 8 <120> TITLE OF INVENTION: Reduction of antioxidant enzyme levels in tumor cells using
antisense
 9        oligonucleotides
11 <130> FILE REFERENCE: 875.042US1
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/993,333
C--> 13 <141> CURRENT FILING DATE: 2001-11-14
13 <150> PRIOR APPLICATION NUMBER: US 60/248,328
14 <151> PRIOR FILING DATE: 2000-11-14
16 <160> NUMBER OF SEQ ID NOS: 12
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 20
22 <212> TYPE: DNA
23 <213> ORGANISM: Homo sapiens
25 <400> SEQUENCE: 1                                          20
26 ccggctcaac atgctgctag
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 20
30 <212> TYPE: DNA
31 <213> ORGANISM: Homo sapiens
33 <400> SEQUENCE: 2                                          20
34 acactgcccg gctcaacatg
36 <210> SEQ ID NO: 3
37 <211> LENGTH: 20
38 <212> TYPE: DNA
39 <213> ORGANISM: Homo sapiens
41 <400> SEQUENCE: 3                                          20
42 catgctgcta gtgctggtgc
44 <210> SEQ ID NO: 4
45 <211> LENGTH: 20
46 <212> TYPE: DNA
47 <213> ORGANISM: Homo sapiens
49 <400> SEQUENCE: 4                                          20
50 ggatcccggc tgtcagccat
52 <210> SEQ ID NO: 5
53 <211> LENGTH: 20
54 <212> TYPE: DNA
55 <213> ORGANISM: Homo sapiens
57 <400> SEQUENCE: 5                                          20
58 catagcgtgc ggtttgctct
60 <210> SEQ ID NO: 6
61 <211> LENGTH: 20
62 <212> TYPE: DNA
63 <213> ORGANISM: Homo sapiens
65 <400> SEQUENCE: 6
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12/3/01

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                                                                                 20
 66 gccgaggctc atcgcggcgg
 68 <210> SEQ ID NO: 7
 69 <211> LENGTH: 20
 70 <212> TYPE: DNA
 71 <213> ORGANISM: Homo sapiens
 73 <400> SEQUENCE: 7                                                             20
 74 caaaggcggc cgaggctcat
 76 <210> SEQ ID NO: 8
 77 <211> LENGTH: 20
 78 <212> TYPE: DNA
 79 <213> ORGANISM: Homo sapiens
 81 <400> SEQUENCE: 8                                                             20
 82 catgttgagc cgggcagtgt
 84 <210> SEQ ID NO: 9
 85 <211> LENGTH: 20
 86 <212> TYPE: DNA
 87 <213> ORGANISM: Artificial Sequence
 89 <220> FEATURE:
 90 <223> OTHER INFORMATION: An artificial oligonucleotide
 92 <400> SEQUENCE: 9                                                            20
 93 acactaccca gctcgacatg
 95 <210> SEQ ID NO: 10
 96 <211> LENGTH: 20
 97 <212> TYPE: DNA
 98 <213> ORGANISM: Artificial Sequence
100 <220> FEATURE:
101 <223> OTHER INFORMATION: An artificial oligonucleotide
103 <400> SEQUENCE: 10                                                           20
104 ctacagccgg ccgtaaactc
106 <210> SEQ ID NO: 11
107 <211> LENGTH: 325
108 <212> TYPE: DNA
109 <213> ORGANISM: Homo sapiens
111 <400> SEQUENCE: 11
112 gcagatcggc ggcatcagcg gtagcaccag cactagcagc atgttgagcc gggcagtgtg    60
113 cggcaccagc aggcagctgg ctccggtttt ggggtatctg ggctccaggc agaagcacag   120
114 cctccccgac ctgccctacg actacggcgc cctggaacct cacatcaacg cgcagatcat   180
115 gcagctgcac cacagcaagc accacgcggc ctacgtgaac aacctgaacg tcaccgagga   240
116 gaagtaccag gaggcgttgg ccaagggaga tgttacagcc cagatagctc ttcagcctgc   300
117 agtgaagttc aatggtggtg gtcat                                          325
119 <210> SEQ ID NO: 12
120 <211> LENGTH: 95
121 <212> TYPE: PRT
122 <213> ORGANISM: Homo sapiens
124 <400> SEQUENCE: 12
125 Met Leu Ser Arg Ala Val Cys Gly Thr Ser Arg Gln Leu Ala Pro Val
126  1               5                  10                  15
127 Leu Gly Tyr Leu Gly Ser Arg Gln Lys His Ser Leu Pro Asp Leu Pro
128             20                  25                  30
```

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Input Set : A:\Sequence Listing.txt
Output Set: N:\CRF3\11212001\I993333.raw

```
129 Tyr Asp Tyr Gly Ala Leu Glu Pro His Ile Asn Ala Gln Ile Met Gln
130         35              40                45
131 Leu His His Ser Lys His His Ala Ala Tyr Val Asn Asn Leu Asn Val
132     50                  55              60
133 Thr Glu Glu Lys Tyr Gln Glu Ala Leu Ala Lys Gly Asp Val Thr Ala
134 65              70                  75                      80
135 Gln Ile Ala Leu Gln Pro Ala Leu Lys Phe Asn Gly Gly Gly His
136                 85              90                      95
```

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/993,333

DATE: 12/03/2001
TIME: 14:35:27

Input Set : **A:\Sequence Listing.txt**
Output Set: **N:\CRF3\11212001\I993333.raw**

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date